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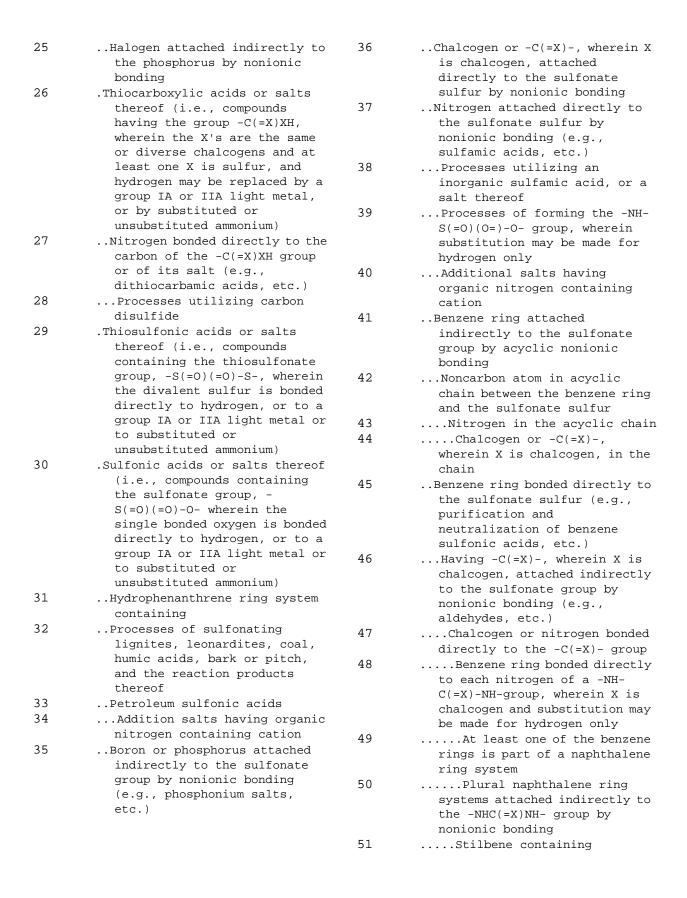
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This Class 562 is considered to be an integral part of Class 260 (see the Class 260 schedule for the position of this Class in schedule hierarchy). This Class retains all pertinent definitions and class lines of Class 260.

ORGANIC COMPOUNDS (CLASS 532, SUBCLASS 1) 1 .Persulphonic acids or salts thereof (i.e., compounds having the -S(=0)(=0) O-OH group, wherein the hydrogen may be replaced by a group IA or IIA light metal, or by substituted or unsubstituted ammonium) 2 .Percarboxylic acids or salts thereof (i.e., compounds having the -C(=0)-0 OH group, wherein the hydrogen may be replaced by a group IA or IIA light metal, or by substituted or unsubstituted ammonium) 3 ..With preservative or stabilizer .. Formation of the -C(=0)-O-OHgroup, or of a salt thereof (e.g., from acid halides or anhydrides, neutralization; etc) 5 ... Aldehyde or percarboxylic acid ester reactant 6 ...Carboxylic acid or carboxylic acid salt reactant 7 .Boron acids or salts thereof (i.e., compounds having -XH, wherein X is chalcogen, attached directly to boron by nonionic bonding and wherein the hydrogen may be replaced by a group IA or IIA light metal, or by substituted or unsubstituted ammonium)

- .Phosphorus acids or salts
 thereof (i.e., compounds
 having -XH, wherein X is
 chalcogen, attached directly
 to phosphorus by nonionic
 bonding and wherein the
 hydrogen may be replaced by a
 substituted or unsubstituted
 ammonium or by a group IA or
 IIA light metal)
- ..Sulfur attached directly to the phosphorus by nonionic bonding
- 10 ..Nitrogen attached directly to the phosphorus by nonionic bonding
- 11 ..Nitrogen attached indirectly to the phosphorus by nonionic bonding
- 12 ...Plural phosphori attached indirectly to each other by nonionic bonding
- 13Plural phosphori bonded directly to the same carbon
 -Additional nitrogen attached indirectly to the phosphorus by nonionic bonding
- 16 ...The nitrogen and the phosphorus are bonded directly to the same carbon
 -The nitrogen is bonded to an additional acyclic carbon or acyclic carbon chain, to which a -C(=X)X- group is bonded directly, wherein the X's are the same or diverse chalcogen
- 18Preparing from a compound having a nitrogen containing hetero ring
- 19 .. The phosphorus is in a ring
- 20 ..Plural phosphori attached indirectly to each other by nonionic bonding
- 21 ...Plural phosphori bonded directly to the same carbon
- 22Processes
- 23 ..Chalcogen attached indirectly to the phosphorus by nonionic bonding
- 24 ...The chalcogen is in a -C(=X)group



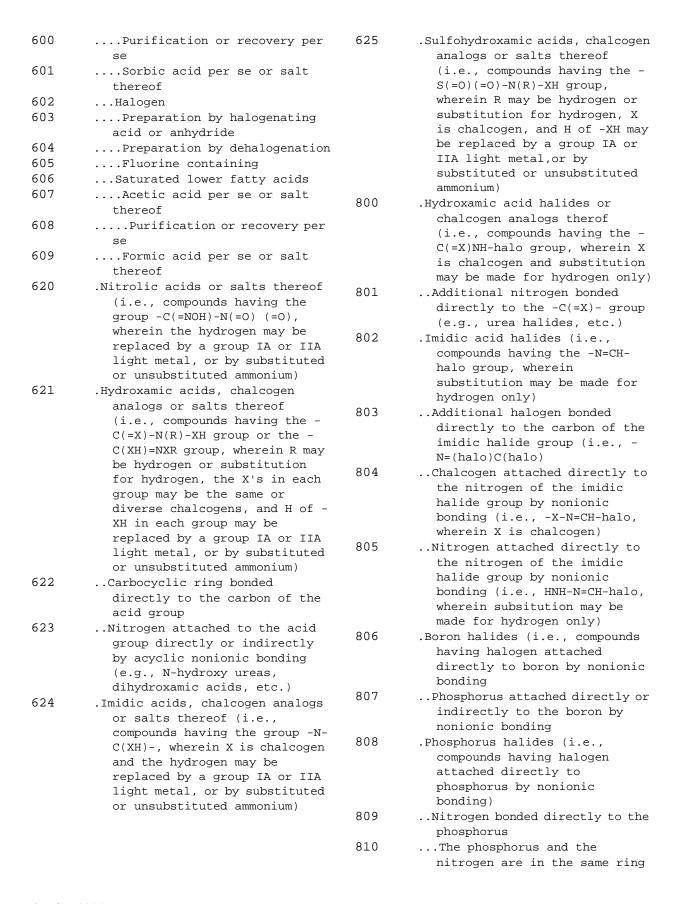
52	<pre>Plural -C(=X)- groups attached indirectly to the sulfonate group by nonionic bonding</pre>	71	<pre>Additional sulfonate group bonded directly to the polycyclo ring system (e.g., H acid, etc.)</pre>
53	Plural carbons bonded directly to -C(=X)-	72	Halogen, plural nitrogens, or additional sulfonate group
54	Plural -C(=X)- groups bonded directly to the same		bonded directly to the polycyclo ring system
	benzene ring	73	Nitro or halogen bonded
55	Acyclic carbon bonded directly to the -C(=X)- group	74	directly to a benzene ringNonsulfonate chalcogen
56	The -C(=X)- is part of a - C(=X)X- group, wherein the X's may be the same or diverse		attached indirectly to the sulfonate group by nonionic bonding
	chalcogens	75	Two benzene rings bonded to
57	Nitrogen attached indirectly to the sulfonate group by nonionic bonding		<pre>the nonsulfonate chalcogen (e.g., phenoxyphenyl compounds, etc.)</pre>
58	Nitrogen attached indirectly	76	Plural carbons bonded
	to the sulfonate group by nonionic bonding		directly to the nonsulfonate chalcogen (e.g., ethers,
59	Plural benzene rings bonded	77	sulfones, etc.)
	directly to each other or to the same acyclic carbon	7 7	<pre>Hydroxy group or nonsulfonate sulfur attached</pre>
60	Stilbene containing		indirectly to a benzene ring
61	Plural benzene rings bonded	78	by acyclic nonionic bondingHalogen attached indirectly
60	directly to the same nitrogen	70	to the sulfonate group by
62	Plural nitrogens each bonded		nonionic bonding
	<pre>to two benzene rings (e.g., phenylaminophenylaminophenyl compounds, etc.)</pre>	79	The sulfonate group and oxygen are bonded directly to
63	At least one of the benene rings is part of a naphthalene ring system		the same polycyclo ring system which consists of benzene rings
64	Oxygen bonded directly to a benzene ring	80	Additional sulfonate group bonded directly to the
65	Sulfonyl bonded directly to the nitrogen	81	polycyclo ring systemPlural oxygens bonded
66	The nitrogen is attached		directly to the same benzene ring
	indirectly to a benzene ring	82	The sulfonate group, oxygen,
67	<pre>by acyclic nonionic bondingAdditional nitrogen attached indirectly to the sulfonate</pre>	02	and alkyl of at least 4 carbons are bonded directly to
	group by nonionic bonding		the same benzene ring
68	Polycyclo ring system consisting of benzene rings	83	Halogen attached indirectly to the sulfonate group by nonionic bonding
	bonded directly to the	84	Addition salts having organic
60	sulfonate groupNitro or nitroso bonded	Ŭ -	nitrogen containing cation
69	directly to the polycyclo ring	85	Having -C(=X)-, wherein X is chalcogen, in the cation
70	Oxygen bonded directly to	86	Nitrogen double bonded to
	the polycyclo ring system (e.g., aminonaphthol sulfonic		carbon in the cation (e.g., guanidinium salts, etc.)
	acid, etc.)	87	Acyclic carbon to carbon unsaturation containing

88	Plural benzene rings bonded directly to each other, or to the same acyclic carbon or acyclic carbon chain	105	Having -C(=X)-, wherein X is chalcogen, attached indirectly to the sulfonate group by acyclic nonionic bonding
89	Polycyclo ring system consisting of benzene rings bonded directly to the sulfonate group	106	<pre>Plural nitrogens or plural - C(=X)- groups, wherein X is chalcogen, attached indirectly to the sulfonate group by</pre>
90	Processes of sulfonating		acyclic nonionic bonding
	naphthalene per se or alkyl	107	Chalcogen attached indirectly
	substituted naphthalene		to the sulfonate group by
0.1			
91	Sulfonate group and alkyl		acyclic nonionic bonding
	group of at least four carbons	108	Chalcogen attached indirectly
	bonded directly to the same		to the sulfonate group by
	benzene ring		acyclic nonionic bonding
92	With preservative,	109	The chalcogen, X, is in a -
	stabilizer, or color or odor		C(=X)- group
	affecting additive	110	Plural chalcogens attached
93	Processes including	110	
93	3		indirectly to the sulfonate
	alkylation of a benzene ring, and the products thereof		group by acyclic nonionic bonding
94	The alkylating agent is an	111	Plural carbons bonded directly
	olefin		to the chalcogen (e.g.,
95	Sulfonation processes		ethers, etc.)
96	Purification or recovery	112	Addition salts having organic
97	-	112	nitrogen containing cation
97	Neutralization or	113	5
	acidification	113	Halogen attached indirectly to
98	Sulfonation utilizing sulfur		the sulfonate group by acyclic
	trioxide or oleum (e.g.,		nonionic bonding
	sulfonation of benzene or	114	Addition salts having organic
	toluene with oleum, etc.)		nitrogen containing cation
99	Sulfonation utilizing sulfuric	115	Processes (e.g.,
	acid (e.g., sulfonation of		neutralization, stabilization,
	benzene or toluene with		etc.)
	sulfuric acid, etc.)	116	Decarboxylation, hydrogenation
100		110	or formation of carbon-to-
100	Polycyclo alicyclic ring system		
	attached directly or		carbon unsaturation
	indirectly to the sulfonate	117	Conversion of sulfur
	group by nonionic bonding		containing hetero ring
101	Plural sulfonate groups		compounds to sulfonic acids
	attached indirectly to each	118	Oxidation of organic sulfur
	other by acyclic nonionic		compounds to sulfonic acids
	bonding	119	Hydrolysis of sulfonyl halides
102	Nitrogen or -C(=X)-, wherein X	120	Formation of sulfonic acids or
102	is chalcogen, attached	120	
	indirectly to the sulfonate		sulfonic acid salts utilizing
	<u>-</u>		inorganic sulfonating agents
100	groups by nonionic bonding		(e.g., reaction of alcohols or
103	Plural nonsulfonate chalcogens		alkyl halides with sulfurous
	attached indirectly to the		acid, etc.)
	sulfonate groups by nonionic	121	Utilizing sulfur dioxide and
	bonding		oxygen (i.e., sulfoxidation)
104	Nitrogen attached indirectly to	122	Sulfurous acid or salt
	the sulfonate group by acyclic		thereof reacted with
	nonionic bonding		unsaturated hydrocarbon
			ansacaracea nyarocarbon

123	Utilizing sulfur trioxide,	424	Of alkali metal phenolates
	oleum, sulfuric acid or	425	Having plural rings
124	halosulfonic acid	426	Sulfur
124	Purification or recovery .Sulfinic or sulfenic acids or	427 428	Polycyclo ring system
123	salts thereof (i.e., compounds	420	Indenyl or hydrindenyl
	containing the sulfinate	430	Sulfoxy Nitrogen
	group, $-S(=0)0-$, or the	430	_
	sulfenate group, -S-O-,	431	Carboxyl, or salt thereof, in side chain having sulfur
	wherein the single bonded		bonded directly to a ring
	oxygen is bonded directly to	432	Carboxyl, or salt thereof,
	hydrogen, or to a group IA or	152	bonded directly to a ring
	group IIA light metal or to	433	Nitrogen bonded directly to
	substituted or unsubstituted	133	carbon of organic radical
	ammonium)		(e.g., amino acids, etc.)
126	Nitrogen attached indirectly to	434	Nitro or nitroso
	a sulfinate group by acyclic	435	Plural rings
	nonionic bonding	436	Plural rings bonded
400	.Carboxylic acids and salts		directly to the same carbonyl
	thereof	437	Plural nitrogens
401	Racemization or separation of	438	Halogen
400	optical isomers	439	Ureido, guanido, or hydrazine
402	Physical resolution	440	Nitrogen double bonded
403	Hydrophenanthrene nucleus		directly to carbon (e.g.,
404	1,4a-dimethyl		amidine, ketimine, etc.)
	hydrophenanthrene-1 carboxylic	441	Plural rings bonded directly
405	acids or salts thereof		to the same carbon
405		442	Nitrogen not bonded directly
	Preparation by carbonylation		to a ring
407	Formation of carboxyl group by oxidation	443	In same chain as carboxyl,
408	Of aromatic compound		or salt thereof
409	Alkyl side chain oxidized	444	0xy
410	Nitrogen containing oxidant	445	Phenyl alanines
411	Sulfur containing oxidant	446	Di-oxy phenyl alanines
412	Air, oxygen, or ozone	447	Phenoxphenyl alanines
112	oxidant	448	Plural nitrogens
413	Multistage	449	Halogen
414	With recycle or recovery	450	Amide
	of reaction component	451	0xy
415	Gas phase	452	Oxy
416		453	Carboxyl, or salt thereof,
	catalyst, initiator, or		nitrogen and oxygen all bonded
	promoter utilized		directly to the same benzene
417	Initiator or promoter used	4 = 4	ring
	with catalyst	454	Aryl-N-Aryl
418	Of oxy or carbonyl	455	Amide
	containing compound	456	Halogen
419	Hypohalite as oxidant	457	Plural rings with nitrogen
420	Nitrogen containing oxidant		bonded directly to at least
421	Air, oxygen, or ozone	450	one ring
	oxidant	458	Carboxyl, or salt thereof,
422	Of halo alkyl containing	459	bonded directly to a ringAldehyde or ketone
	compound	460	
423	Preparation by carbonation	400	Two rings bonded directly to the same carbonyl

461	Polycyclo ring system	494	Purification or recovery per
462	Bicyclo ring system		se
463	0xy	495	Additional unsaturation
464	Phenoxy alkanoic acids	496	<pre>Carboxyl, or salt thereof,</pre>
465	0xy		not bonded directly to ring
466	Polycyclo ring system	497	Preparing alicyclic acids by
467	Carboxyl bonded directly to		carbonylation
	naphthylene ring system	498	Plural alicyclic rings
468	Plural rings bonded directly	499	Tricyclo ring system
	to the same carbon	500	Two rings only
469	Rings bonded directly to each	501	Orthofused
100	other	502	2,2,1-bicyclo
470	0xy, not bonded directly to a	503	Cyclopentyl (e.g.,
470	ring, in same side chain as	303	prostoglandins, etc.)
	carboxyl, or salt thereof	504	
471		304	Cyclopentyl bonded to -COOR, -
4/1	Oxy, bonded directly to a	F0F	CCOOR, or -CCCOOR
	ring, in same side chain as	505	Cyclobutyl
470	carboxyl, or salt thereof	506	Cyclopropyl
472	Halogen	507	Alicyclic acids having an
473	Carboxyl, or salt thereof,		element other than oxygen,
	bonded directly to a ring		carbon, or hydrogen
474	Halogen	508	Alicyclic acids having an oxy,
475	Phenolic hydroxy or		aldehyde, or ketone group
	metallate	509	Alicyclic polycarboxylic acids
476	Poly phenolic hydroxy or	510	Alicyclic acids having
	metallate		unsaturation
477	Salicyclic acid per se or	511	Naphthenic acids or salts
	salt thereof		thereof
478	Phenolic hydroxy or metallate	512	Acyclic
479	Decarboxylation of	512.2	Preparing by oxidation of
	polycarboxylic acid or salt		hydrocarbon mixtures
480	Polycarboxylic acids or salts	512.4	Plural -COO- groups in
100	thereof	312.1	compound formed
481	Prepared by	513	Preparation from source of
101	disproportionation	313	undetermined composition
482	Preparation by isomerization		(e.g., industrial waste, etc.)
483		514	
403	Preparation by hydrolysis of	514	Nitrogen containing acid
404	amide, anhydride, or ester	-1 -	produced
484	Preparation by hydrolysis of	515	Preparation by degradation of
405	nitrile	F16	carbohydrates
485	Purification or recovery per	516	Preparation by hydrolysis of
	se		proteins
486	By crystallization	517	Preparation by carbonylation
487	By reaction of undesired	518	Of aldehyde or ketone
	component	519	Of alcohol or alcoholate
488	Plural rings	520	Of halogenated hydrocarbon
489	Carboxyl not directly	521	Of hydrocarbon
	attached to a ring	522	Group VIII metal containing
490	Naphthyl group		catalyst utilized
491	Plural rings bonded directly	523	Formation of carboxyl group by
	to the same carbon	- 	oxidation
492	Rings bonded directly to each	524	Of carboxylic acid or ester
-	other	525	Of carboxylle deld of ester
493	Monocyclic	526	Of nitrogen containing
1//	··· Poliocy Clic	J 2 U	compound
			Compound

527	Of ketone	563	Glutamine per se or salt
528	Cyclic ketone or mixture		thereof
	thereof with cyclic alcohol	564	Oxy containing
529	Two stage oxidation from	565	Polycarboxylic
	hydrocarbon	566	Ethylene diamine
530	With recycle or recovery of		tetraacetic acid per se or
	reaction component		salt thereof
531	Of aldehyde	567	Oxy, aldehyde, or ketone
532	Producing unsaturated acid	568	Polycarboxylic
533	Liquid phase oxidation	569	Pantothenic acid per se or
534	Group VIII metal containing	303	salt thereof
334	catalyst utilized	570	Threonine per se or salt
535	_	370	thereof
535	Group V metal containing	571	
F 2 C	catalyst utilized		Polycarboxylic
536	Producing acetic acid	572	Nitrilotriacetic acid per se
537	Of ether	 -	or salt thereof
538	Of alcohol	573	Glutamic acid per se or salt
539	Caustic oxidant		thereof
540	Nitrogen containing oxidant	574	Halogen or unsaturation
541	Of halogenated hydrocarbon	575	Alpha nitrogen
542	Of hydrocarbon	576	Beta alanine per se or salt
543	Alicyclic		thereof
544	Olefin	577	Aldehyde or ketone
545	Producing unsaturated acid	578	Polycarboxylic
546	Group VIII metal	579	0xy
	containing catalyst utilized	580	Purification or recovery per
547	Group V metal containing		se
	catalyst utilized	581	Sulfur
548	Producing acetic acid	582	Polycarboxylic
549	Alkane	583	Ether
550	Formation of carboxyl group by	584	Citric acid per se or salt
330	carbonation		thereof
551	Of C-metallated compound	585	Tartaric acid per se or salt
552	Of alkali metal salt of		thereof
	carboxylic acid	586	Halogen
553	Nitrogen bonded to carbon of	587	Polyoxy
	organic radical (e.g., amino	588	Alkoxy
	acids, etc.)	589	Lactic acid per se or salt
554	Purification or recovery per		thereof
	se	590	Polycarboxylic
555	Carbamic acids or salts	591	Preparation by isomerization
	thereof	592	Preparation by hydrogenation
556	Sulfur or selenium	593	Purification or recovery per
557	Alpha N, beta S - acids or		se
33.	salts thereof	594	Element other than C,H,O,N,
558	Penicillamine per se or	331	or halogen
330	salt thereof	595	Unsaturated
559	Methionine per se or salt	596	Halogen
337	thereof	597	3
560	Ureido, hydrazino, or	397	0xalic acid per se or salt thereof
300		F00	
	nitrogen double bonded directly to carbon	598	Unsaturated
561		599	Formation of ethylenic
562	Plural nitrogens		unsaturation
30⊿	Lysine per se or salt thereof		
	CHELEOI		



811	Additional phosphorus attached directly or indirectly to the phosphorus by nonionic bonding	832	Nitrogen, other than as nitro or nitroso, attached indirectly to the sulfur by
812	The phosphorus is in a ring		nonionic bonding
813	Sulfur bonded directly to the phosphorus	833	Chalcogen attached indirectly to the sulfur by nonionic
814	Preparing utilizing an inorganic compound containing	834	bondingHalogen attached indirectly
815	phosphorus and sulfurForming phosphorus to carbon		to the sulfur by nonionic bonding
	bond	835	Chalcogen or nitrogen attached
816	Oxygen bonded directly to the phosphorus	026	indirectly to the sulfur by nonionic bonding
817	Halogen attached indirectly to the phosphorus by acyclic nonionic bonding	836	<pre>Perchloro methyl mercaptan per se (i.e., trichloromethane sulfenyl chloride)</pre>
818	Forming phosphorus to halogen bond	837	.Compounds having the -(0=)S(=0)- NH-halo group (i.e., N-halo sulfonamides, wherein
819	Forming phosphorus to carbon bond		substitution may be made for hydrogen only)
820	Forming phosphorus to carbon bond	838	.Thiocarboxylic halides (i.e.,
821	.Sulfur halides (i.e., compounds having halogen attached	839	compounds having the -C(=S)- halo group)Additional halogen bonded
	directly to sulfur by nonionic bonding)	039	directly to the $-C(=S)$ - group
822	Nitrogen bonded directly to the sulfur	840	(e.g., thiophosgene, etc.) .Carboxylic halides (i.e.,
823	Phosphorus, -C(=X)-, wherein X is chalcogen, additional	0.44	compounds having the -C(=0)- halo group)
	chalcogen attached directly to the nitrogen by nonionic bonding	841 842	<pre>With preservative or stabilizerBoron or phosphorus attached directly or indirectly to the</pre>
824 825	The halogen is fluorineChalcogen double bonded		carbonyl group by nonionic bonding
023	directly to the sulfur (e.g., sulfonyl fluorides, etc.)	843	Carbonyl bonded directly to the carbonyl group (e.g., oxalyl
826	Benzene attached directly or indirectly to the sulfur by nonionic bonding	844	<pre>chlorides, etc.)Nitrogen bonded directly to the carbonyl group (e.g., carbamyl</pre>
827	Chalcogen double bonded	845	chlorides, etc.)Chalcogen or additional
828	<pre>directly to the sulfur (e.g., sulfinyl halides, etc.)Plural chalcogens double</pre>	013	carbonyl bonded directly to the nitrogen
020	bonded directly to the sulfur (e.g., sulfonyl halides, etc.)	846	Processes utilizing phosgene as a reactant
829	Processes for forming the	847	Phosgene, per se
029	_	848	Processes utilizing carbon
	sulfonyl halide group utilizing elemental halogen		monoxide as a reactant
830	Preparing utilizing thionyl halide or carbonyl dihalide	849	<pre>Fluorine is the halogen (i.e., carboxylic fluorides)</pre>
831	(e.g., phosgene, etc.)Plural sulfonyl halide groups	850	Plural -C(=0)-F groups attached indirectly to each
331	attached indirectly to each	0.54	other by nonionic bonding
	other by nonionic bonding	851	Processes for forming the carbonyl group

852	Processes for forming the carbonyl to fluoride bond	875	<pre>.Containing -C(=NH)-X-C(=X)-, wherein substitution may be</pre>
853	<pre>Plural -C(=0)-halo groups attached indirectly to each other by nonionic bonding</pre>		<pre>made for hydrogen only, and the X's may be the same or diverse chalcogens</pre>
854	Preparing utilizing phosgene	876	.Phosphorus bonded directly to
855	Plural -C(=0)-halo groups bonded directly to the same benzene ring		the single bonded X of a - $C(=X)-X$ -group, wherein the X's may be the same or diverse
856	Processes		chalcogens
857	Phosgene reactant	877	.Phosphorus bonded directly to
858	Ketene reactant		cyano or to $-N=C=X$, wherein X
859	Forming the carbonyl group		is chalcogen
		878	.Two phosphori bonded directly to
860	By oxidizing a halogenated olefin		the same divalent chalcogen atom (e.g., pyrophosphorus
861	Forming the carbonyl to halide		compounds, etc.)
	bond	879	.Containing -C(=X)-X-N(=O) or -
862	Reactant having halogen	075	
	bonded directly to sulfur by		C(=X)-X-S(=O)(=O)-, wherein
	nonionic bonding		the X's may be the same or
863	Elemental halogen or hydrogen		diverse chalcogens
	halide utilized	880	.Containing $-C(=X)-NH-X-NH-C(=X)-$
864	Halogenation		or $-C(=X)-X-NH-S(=O)(=O)-$,
865			wherein substitution may be
003	Dehalogenation or		made for hydrogen only, and
	dehydrohalogenation		the X's may be the same or
866	Purification or recovery		diverse chalcogens
867	Alicyclic ring containing	881	.Containing -C(=X)-NH-X-halo,
868	Nitrogen attached indirectly to		wherein substitution may be
	the carbonyl group by nonionic bonding		made for hydrogen only, and
869	.Containing $-C(=X)-CN$, wherein X		the X's may be the same or
	is chalcogen (e.g., carbonyl	000	diverse chalcogens
	cyanides, etc.)	882	.Boron bonded directly to the
870	.Sulfonyl isocyanates or sulfonyl		single bonded X of a -C(=X)-X-
070	isothiocyanates, (i.e.,		group, wherein the X's may be
	compounds having the -		the same or diverse chalcogens
		883	.Two borons bonded directly to
	S(=0)(=0)-N=C=X group, wherein		the same divalent chalcogen
0.11	X is oxygen or sulfur)		<pre>atom (e.g., boroxoles, etc.)</pre>
871	.Containing -C(=X)-N=C=X or -	884	.Boron bonded directly to the
	C(=X)-X-N=N-X-, wherein the		single bonded oxygen of a -
	X's may be the same or diverse		S(=0)(=0)-0- group
	chalcogens	885	.Compounds having the -S-SCN
872	.Sulfonic anhydrides (i.e.,		group bonded directly to
	compounds having the -		carbon, which carbon may be
	S(=0)(=0)-0-S(=0)(0=) group		single bonded to any atom but
873	.Containing $-S(=0)(=0)-CN$ or $-$		may be multiple bonded only to
	S(=0)(=0)-N=S=0		carbon
874	.Containing -C(=X)-NH-X-C(=X)- or	886	
	-C(=X)-NH-X-S(=O)(=O)-,	000	.Thiocarboxylic acid anhydrides
	wherein substitution may be		(i.e., compounds having the -
	made for hydrogen only, and		C(=X)-X $C(=X)-$ group, wherein
	the X's may be the same or		the X's may be the same or
			diverse chalcogens and at
	diverse chalcogens		least one X is sulfur)

887	.Carboxylic acid anhydrides
	(i.e., compounds having the -
	C(=0)-O-C(=0)-group)
888	Processes of forming the -
	C(=0)-0-C(=0)-group
889	Aldehyde reactant
890	Carbon monoxide or metal
	carbonyl reactant
891	Ether or carboxylic acid
	ester reactant
892	Ketone or ketene reactant
893	Ether or carboxylic acid ester
	reactant
894	Carboxylic acid salt reactant
895	Dehydration of two like or
	different molecules of
	carboxylic acid
896	Vapor phase
897	Carboxylic acid halide
	reactant
898	Purification or recovery
899	.Selenium or tellurium containing

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